

Part 450 Technology

Part 407 – Required Documentation for Conservation Practices

NM407.30-80

In this Exhibit, “acres treated” refers to the on-farm acreage where the practice was applied.

Access Road – Length, cross section, drainage erosion control measures.

Brush Management – See 407.10(c)(1).

Chiseling and Subsoiling – Acres treated, depth to restrictive layer, depth of penetration, spacing of implement points.

Clearing and Snagging – Length of channel cleared, method of removal, and disposal.

Commercial Fishpond – See 407.10(c)(11) Pond.

Conservation Cropping System – Acres treated, complete worksheet for cropping system rating for irrigated cropland available in either the plan or the F.O. Tech Guide. Computations using USLE or WEF, as appropriate, to evaluate cropping system on dry cropland.

Conservation Tillage System – See 407.10(c)(2).

Contour Farming - Acres treated.

Cover and Green Manure Crop – Acres treated, seed mixture, date of seeding, manner of incorporating the crop into the soil.

Critical Area Planting – Acres treated, site preparation, species or mixture seeded, date and method of seeding, fertilizer and soil amendments applied.

Crop Residue Use – Acres treated, pounds of residue at time of incorporation, and date of incorporation if wind erosion is a problem.

Dam, Diversion – Dimensions and elevations of all components as built, materials used, data to determine materials, meet the specifications such as concrete tests, etc.

Dam Floodwater Retarding – See 407.10(c)(11) Pond.

Dam Multiple Purpose – See 407.10(c)(11) Pond.

Deferred Grazing – Range condition prior to deferment or reason for deferment, deferment period.

Dike – Length, cross section, profile of the dike, adequacy of vegetation.

Diversion – See 407.10(c)(3).

Drainage Land Grading – See 407.10(c)(7) Irrigation Land Leveling

Emergency Tillage – Acres treated, type and spacing of equipment used, soils information, and time of tillage.

Farmstead and Feedlot Windbreak – See 407.10(c)(19) Tree Planting.

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Fencing – Length of fence, material and type including wire gauge, size and length of posts, etc., height of top wire, spacing of wire, stay spacing, post spacing, bracing, and depth of post in the ground.

Field Border – Length of border established, width, seedbed preparation, seeding mixture, and date and method seeding.

Field Windbreak – See 407.10(c)(19), Tree Planting, and acres planted.

Filter-Strip – Acres treated, site preparation, seeding mixture, date, and method of seeding.

Firebreak – Length established, type and width of firebreak, erosion control measures installed.

Fish Stream Improvement – Length, improvements made, spoil placement, and disposal.

Fishpond Management – Kind, size, number, and date of stocking or corrective management applied to control fish populations or actions taken to control water quality.

Floodwater Diversion – Length, cross section, profile of channel and ridge, outlet conditions.

Floodway – Classification, cross section, profile of channel and dikes, outlet conditions.

Grade Stabilization Structure – See 407.10(c)(4).

Grassed Waterway or Outlet – See 407.10(c)(5).

Grasses and Legumes in Rotation – Seed mixture, rate of seeding, seedbed preparation, time of seeding, and cropping rotation.

Grazing Land Mechanical Treatment – Acres treated, equipment used, depth, spacing.

Heavy Use/Area Protection – Acres treated, treatment applied.

Hedgerow Planting – Length, species planted, date of planting.

Irrigation Canal or Lateral – See 407.10(c)(6) and length.

Irrigation Field Ditch – See 407.10(c)(6) and length.

Irrigation Land Leveling – Completed NM-ENG-125 and see 407.10(c)(7).

Irrigation Pit or Regulating Reservoir – See 407.10(c)(11).

Irrigation Storage Reservoir – See 407.10(c)(11).

Irrigation System Drip – Evaluate as per Drip chapter of NM Irrigation Guide.

Irrigation System Sprinkler – Form NM-ENG-123B and/or NM-ENG-226, 226A.

Irrigation System Surface and Subsurface – Overall irrigation water distribution and waste water disposal plan.

Irrigation System, Tailwater Recovery – Form NM-ENG-233.

Irrigation Water Conveyance – See 407.10(c)(8) Ditch and Canal lining.

Irrigation Water Conveyance – See 407.10(c)(9) Pipeline.

Irrigation Water Management – Complete Form NM-ENG-123A or C.

Land Clearing – Areas cleared, measures installed to prevent erosion.

NM-407-10(2)

(450-GM, Amendment NM10, April 22, 2004)

Land Smoothing – Area treated, equipment used, and number of passes made.

Lined Waterway or Outlet – Measurements and elevation of completed structure, type and quality of materials.

Livestock Exclusion – Acres protected, purpose, type of barrier installed.

Mulching – Area treated, amount of mulch applied, type of mulch.

Obstruction Removal – Acres treated.

Open Channel – Length, grade, cross section, spoil bank treatment.

Pasture and Hayland – See 407.10(c)(10).

Pasture and Hayland Management – Species to be managed, planned grazing heights.

Pipeline – Length, see 407.10(c)(9).

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Planned Grazing Systems – Planned sequence, number and size of grazing units, schedule of rest and grazing.

Pond – See 407.10(c)(11).

Pond Lining – Cross section, thickness and type of lining, quality of materials used.

Proper Grazing Use – Acres, completed SCS-RANGE-414, or grazing planning (control) document.

Proper Woodland Grazing – Acres, completed SCSRANGE-414, or grazing planning (control) document.

Pumping Plant For Water Control – Type of power, operating head and pressure, efficiency at operating pressure, size and type of pump.

Streambank Protection – Length, cross section, profile showing top of bank, bottom of channel, type and quality of materials used.

Stream Channel Stabilization – Length and see 407.10(c)(4).

Strippcropping Wind – See 407.10(c)(14).

Structure for Water Control – Measurements of completed structure, type and quality of materials, elevations of structure.

Stubble Mulching – See 407.10(c)(15).

Subsurface Drain – See 407.10(c)(16).

Surface Drainage – See 407.10(c)(17).

Terrace – See 407.10(c)(18).

Toxic Salt Reduction – Acres treated, methods of reducing concentrations, lab analysis prior to treatment.

Range Seeding – See 407.10(c)(10).

Recreation Area Improvement – Acres treated, type of treatment, seedbed preparation, species seeded, seeding rates, date of seeding.

Recreation Land Grading and Shaping – Acres treated, equipment used, seedbed preparation, seeding, fertilizing.

Sediment Basin – See 407.10(c)(11)

Spoilbank Spreading – Length, equipment used, narrative statement as to condition of the finished product.

Spring Development – See 407.10(c)(13)

Stock Trails and Walkways – Length, alignment, details of drainage provisions.

Tree Planting – See 407.10(c)(13)

Trough or Tank – Capacity, measurements of completed tank, type and quality of materials used.

Underground Outlet – Inlet details and see 407.10(c)(16).

Waste Management System – Overall plan for storage and disposal of wastes showing waste volumes, design capacity method of disposal, facilities required and environmental considerations.

Waste Storage Pond – See 407.10(c)(11).

Waste Storage Structure – Measurements of completed structure, type and quality of materials used.

Waste Treatment Lagoon – See 407.10(c)(11).

Waste Utilization – Acres treated, rate of application, time of application, estimate of nutrients applied.

Water Harvesting Catchment – Area of catchment, cross section, method of sealing, type of materials and quality, protection provided.

Water and Sediment Control Basin – Profile of embankment and upstream toe, storage capacity, cross section.

Well – Diameter and depth, length, quality and type of casing, driller's log, type, opening location and length of screens.

Wildlife Upland Habitat Management – Type of wildlife data to show existence of minimum habit requirements, type of protection applied.

Wildlife Watering Facility – Wildlife species benefited, capacity, measurements of completed facility, type and quality of materials used.

Wildlife Wetland Habitat Management – See 407.10(c)(19).

Windbreak Renovation – See 407.10(c)(19).

Woodland Direct Seeding – Species seeded, rate of seeding, date and method of seeding, site preparation.

Woodland Improved Harvesting – Acres harvested, tree spacing after harvest, slash disposal, skid road and landings rehabilitation measures.

Woodland Improvement – Acres, spacing after cutting, slash disposal.

Woodland Pruning – Acres.

Woodland Site Preparation – Acres, type of treatment applied.